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5	lC		1,100,475	06-16-14	Franckaerts	1	1		1		• • • • • • • • • • • • • • • • • • • •
			1,331,997	02-24-1920	0 Neal	—			+		
			1,454,967	05-15-1923	3 Gill						
			1,518,501	12-09-1924	4 Gill	1					
			1,522,765	01-13-1925	5 Wilke	+			+		
			1,526,851	02-17-1925	5 Hall	+			+		
	1,669,668 05-15-19				8 Marshall	+			+		•
5	il	-	1,673,594	06-12-1928	8 Schmidt	+	\prod				
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			1,185,314	03-25-1970	UK	11				Aus	Jraci
	1		1,800,446	12-11-1969	DE DE	1				l .	'es
	1		GB 2,217,784 A	03-20-1989	9 UK	+				Abs	stract
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SK		1,717,969	06-18-1929	Goodner			1			
		1,896,201	02-07-1933	Sterner-Rainer	11					
		2,038,221	04-21-1936	Kagi						
		209,219	10-22-1878	Bookwalter				-		
		2,280,979	04-28-1942	Rocke						
		2,290,961	07-28-1942	Heuer			-			
		2,488,447	11-15-1949	Tangen et al						
54		251,104	12-20-1881	Finch	+-1	,				
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\$		416,401	06-1974	Soviet Union					Ye Abst	-
		58-048796	03-1983	Japan					Ye	es
		63-104773	5-1998	Japan	1				Ye	es
		683,469	03-31-1964	Canada					Ahst	LACI
8		773,312	10-1980	Soviet Union					Ye	
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8		2,515,478	07-18-1950		1			1			
7		2,528,210	10-31-1950	Stewart	+	1		-			
		2,566,892	09-04-1951	Jacobs	1			-			
-		2,677,609	05-04-1954	Moore et al.	+						
+		2,698,583	01-04-1955	House et al.	+						
-		2,787,873	04-09-1957	' Hadley	+ /						
		2,808,782	10-08-1957	Thompson et al.	++						
50		2,821,472	01-28-1958	Peterson et al.	11						
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6		90,756	01-1958	Norway		1	1		1	es stract	
6		942,648	11-27-1963	U.K.	\top					шал	
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- / h		2,832,292	04-29-1958		+-	1	\vdash				
5/	•	2,865,618	12-23-1958	B Abell	-	+-		\			
		2,901,677	08-25-1959	Chessman et al.	+	1-					
		2,948,524	08-09-1960	Sweeney et al.	+			-			
		2,978,885	04-11-1961	Davison	+						
		2,984,524	05-16-1961	Franzen							
		2,987,885	06-13-1961	Hodge							
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		3,070,393	12-25-1962	Silverberg et al.						
		3,092,030	06-04-1963	Wunder						
		3,227,547	01-04-1966	Szekely						
		3,244,109	04-05-1966	Barske	17					
		3,251,676	05-17-1966	Johnson						
	3,255,702 06-14-1960		06-14-1966	Gehrm				 		
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An		3,289,473	<u> </u>					
		3,291,473	12-13-1966	Sweeney et al.	\prod			
		3,400,923	09-10-1968	Howie et al.		-		
.]		3,417,929	12-24-1968	Secrest et al.				
		3,459,133	08-05-1969	Scheffler				
		3,459,346	08-05-1969	Tinnes				
		3,487,805	01-06-1970					
a		3,512,762	05-19-1970	Umbricht				
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40		3,512,788	05-19-1970	Kilbane							
·		3,575,525	04-20-1971	Fox et al.							
		3,618,917	11-09-1971	Fredrikson							
		364,804	06-14-1887	Cole							
		3,650,730	03-21-1972	Derham et al.							
		3,689,048	09-05-1972	Foulard, et al.							
		3,715,112	02-06-1973	Carbonnel							
A		3,743,500	07-03-1973	Foulard et al.							
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		3,743,263	07-03-1973	Szekely	1 1		<u> </u>	
		3,753,690	08-21-1973	Emley et al.	11			
		3,759,635	09-18-1973	Carter et al.	1/			
		3,767,382	10-23-1973	Bruno et al.	11			
		3,776,660	12-04-1973	Anderson et al.	11			
		3,785,632	01-15-1974	Kraemer, et al.	11			
		3,814,400	06-04-1974	Seki	1			
40_		3,824,042	07-16-1974	Barnes et al.	11			
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5			3,836,280	09-17-1974	Koch	1 1			
			3,839,019	10-01-1974	Bruno et al.	1			
			3,871,872	03-18-1975	Downing et al.	11			
			3,873,305	03-25-1975	Claxton et al.				
-			3,886,992	06-03-1975	Maas et al.	11			
			3,915,694	10-28-1975	5 Ando	1			
			3,954,134	05-04-1976	Maas et al.	17			
5	C		3,961,778	06-08-1976	Carbonnel et al.	1/			
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SI			3,966,456	06-29-1976	Ellenbaum et al.						
	,		3,972,709	08-03-1976	Chin et al.						
			3,984,234	10-05-1976	Claxton et al.						
			3,985,000	10-12-1976	Hartz	1					
			3,997,336	12-14-1976	van Linden et al.						
			4,003,560	01-18-1977	Carbonnel	1	1				
			4,018,598	04-19-1977	Markus		\top				
5			4,052,199	10-04-1977	Mangalick		1				
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	<u> </u>	4,068,965	01-17-1978	Lichti					
		4,091,970	05-30-1978	Kimiyama et al.	1-1-		-		
		4,119,141	10-10-1978	Thut et al.	1				
		4,126,360	11-21-1978	Miller et al.	1				
	1	4,128,415	12-05-1978	van Linden et al.					
		4,144,562	03-13-1979	Cooper					
SN		4,169,584	10-02-1979	Mangalick					
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		4,213,091	07-15-1980	Cooper			İ			
		4,213,176	07-15-1980	Cooper						
		4,219,882	08-26-1980	Cooper et al.						
		4,244,423	01-13-1981	Thut et al.						
		4,286,985	09-01-1981	van Linden et al.					-	
		4,322,245	03-30-1982	Claxton						
SON		4,347,041	08-31-1982	Cooper						
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		4,360,314	11-23-1982	Pennell	1					
		4,370,096	01-25-1983	3 Church	1					į.
		4,372,541	02-08-1983	Bocourt et al.	 					
		4,375,937	03-08-1983	3 Cooper	1	 				
		4,392,888	07-12-1983	Eckert et al.						
		4,410,299	10-18-1983	Shimoyama	 					
Sh		4,456,424	06-26-1984	Araoka						
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R		4,456,974	06-26-1984	Cooper	+ 7					
7		4,470,846	09-11-1984	Dube	++					
1		4,489,475	12-25-1984	Struttmann	+	_				
		4,504,392	03-12-1985	Groteke	1.	+				
		4,537,624	08-27-1985	Tenhover et al.	1	11				
		4,537,625	08-27-1985	Tenhover et al.	++					
1		4,556,419	12-03-1985	Otsuka et al.	1 1	11				
A !		4,557,766	12-10-1985	Tenhover et al.	111	1				
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	<u> </u>		4,586,845	05-06-1986	Morris	 	1		1	<u> </u>			
7			4,593,597	06-10-1986	Albrecht et al.		<u> </u>		1				
			4,598,899	07-08-1986	Cooper	<u> </u>							
			4,600,222	07-15-1986	Appling								
			4,609,442	09-02-1986	Tenhover et al.					•			
			4,611,790	09-16-1986	Otsuka et al.								
			4,634,105	01-06-1987	Withers et al.								
4			4,640,666	02-03-1987	Sodergard								
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		4,651,806	03-24-1987	Allen et al.							
Ī		4,696,703	09-29-1987	Henderson et al.			\Box				
		4,701,226	10-20-1987	Henderson et al.	1 1						
		4,714,371	12-22-1987	Cuse	1 1						
		4,717,540	01-05-1988	McRae et al.	1 1					****	
		4,743,428	05-10-1988	McRae et al.	1 1						
		4,747,583	05-31-1988	Gordon et al.	1 1						
6		4,770,701	09-13-1988	Henderson et al.			 				
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A		4,786,230	11-22-1988			1		1		
-		4,802,656	02-07-1989	Hudault et al.	\dagger					
 		4,804,168	02-14-1989	Otsuka et al.	\top					
		4,810,314	03-07-1989	Henderson et al.					"	
		4,834,573	05-30-1989	Asano et al.	+-					
		4,842,227	06-27-1989	Harrington et al.	†					
		4,844,425	07-04-1989	Piras et al.	1					
4		4,851,296	07-25-1989	Tenhover et al.						
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		4,867,638	09-19-1989						
		4,884,786	12-05-1989	<u> </u>					
		4,898,367	02-06-1990	·					
		4,923,770	05-08-1990						
		4,930,986	06-05-1990	Cooper					
		4,931,091	06-05-1990	Waite et al.					
A		4,940,214	07-10-1990	Gillespie					-
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		4,954,167	09-04-1990								
		4,973,433	11-27-1990	Gilbert et al.			,				
		4,989,736	02-05-1991	Andersson et al.							
		5,006,232	04-09-1991	Lidgitt et al.		İ					
		5,028,211	07-02-1991	Mordue et al.							
		5,049,841	09-17-1991	Cooper et al.							
510		506,572	10-10-1893	Wagener							
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		5,088,893	12-18-1992		┼	+			
		5,092,821	03-03-1992	2 Gilbert et al.	+-	+-	 	-	
		5,098,134	03-24-1992	2 Monckton	+	+			
	\vdash	5,099,554	03-31-1992	2 Cooper	+-	-			
	 	5,131,632	07-21-1992	2 Olson	+				
		5,143,357	09-01-1992	2 Gilbert et al.				,	
5)(5,145,322	09-08-1992	Senior, Jr. et al.	\square				
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A		5,152,631	10-06-1992				<u> </u>	
		5,158,440	10-27-1992	Cooper et al.				
	•	5,162,858	11-10-1992	Shoji et al.				
		5,165,858	11-24-1992	Gilbert et al.				
		5,172,458	12-22-1992	Cooper				
		5,177,304	01-05-1993	Nagel				
		5,191,154	03-02-1993	Nagel				
an		5,192,193	03-09-1993	Cooper et al.	1	l		
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Sh		5,202,100	04-13-1993	Nagel et al.		}		1		
1		5,203,681	04-20-1993	Cooper		1				
		5,209,641	05-11-1993	Hoglund et al.						
		5,215,448	06-01-1993	Соорег						
		5,268,020	12-07-1993	Claxton	1					
		5,286,163	02-15-1994	Amra et al.						
		5,298,233	03-29-1994	Nagel					_ , _	
CIN		5,301,620	04-12-1994	Nagel et al.	1	ļ -				
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A		5,308,045	05-03-1994		+	1		1		
1-17	_	5,310,412	05-10-1994	Gilbert et al.	1					
		5,318,360	06-07-1994	Langer et al.	+			-		
		5,322,547	06-21-1994	Nagel et al.						
		5,324,341	06-28-1994	Nagel et al.						
		5,330,328	07-19-1994	Cooper	11					
		5,354,940	10-11-1994	Nagel	11		\prod			-
		5,358,549	10-25-1994	Nagel et al.	17					
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A		5,358,697	10-25-1994	Nagel	1					
9		5,364,078	11-15-1994	Pelton	\top					
		5,369,063	11-29-1994	Gee et al.	\top					
		5,383,651	01-24-1995	Blasen et al.						
		5,388,633	02-14-1995	Mercer II et al.						
		5,395,405	03-07-1995	Nagel et al.						
		5,399,074	03-21-1995	Nose et al.	1					
451		5,407,294	04-18-1995	Giannini				1		
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Th		5,425,410	06-20-1995			·					
		5,431,551	07-11-1995	<u> </u>							
	-	5,435,982	07-25-1995	Wilkinson							
		5,436,210	07-25-1995	Wilkinson et al.				•			
		5,443,572	08-22-1995	Wilkinson et al.							
		5,454,423	10-03-1995	Tsuchida et al.							
		5,468,280	11-21-1995	Areaux							
4		5,470,201	11-28-1995	Gilbert et al.							
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	j		5,484,265	01-16-1996	Horvath et al.							
	\		5,489,734	02-06-1996	Nagel et al.							
			5,491,279	02-13-1996	Robert et al.							
			5,495,746	03-05-1996	Sigworth							
			5,505,143	04-09-1996	Nagel							
			5,509,791	04-23-1996	Turner							
			5,537,940	07-23-1996	Nagel et al.							
4	J		5,543,558	08-06-1996	Nagel et al.			l				
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\square		5,555,822	09-17-1996	Loewen et al.						
		5,558,501	09-24-1996	Wang et al.						
		5,558,505	08-24-1996	Mordue et al.	11					
		5,571,486	11-05-1996	Robert et al.						
		5,585,532	12-17-1996	Nagel	11					
		5,586,863	12-24-1996	Gilbert et al.						
		5,597,289	01-28-1997	Thut	+		_			
A		5,613,245	03-18-1997	Robert						
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8		5,622,481	04-22-1997	Thut	1			
1		5,629,464	05-13-1997	Bach et al.				
		5,634,770	06-03-1997	Gilbert et al.				
		5,640,706	06-17-1997	Nagel et al.				
		5,640,707	06-17-1997	Nagel et al.				
		5,640,709	06-17-1997	Nagel et al.				
		5,655,849	08-12-1997	McEwan et al.	 			· <u>-</u>
4		5,662,725	09-02-1997	Cooper				
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8		5,676,520	10-14-1997		\prod				
		5,678,244	10-14-1997						
		5,678,807	10-21-1997	1					
		5,679,132	10-21-1997	Rauenzahn et al.					
		5,685,701	11-11-1997	Chandler et al.					
		5,690,888	11-25-1997	Robert					
		5,695,732	09-09-1997	Sparks et al.					
8		5,716,195	02-10-1998	Thut			1		
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a			5,717,149	02-10-1998	Nagel et al.						
			5,718,416	02-17-1998	Flisakowski et al.						
			5,735,668	04-07-1998	Klien						_
			5,735,935	04-07-1998							
			5,741,422	04-21-1998							
		_	5,744,117	04-28-1998							
			5,745,861	04-28-1998	<u> </u>						
5			5,755,847	05-26-1998	Quayle		<u></u>				
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1		5,776,420	07-07-1998	Nagel					-	
		5,785,494	07-28-1998	Vild et al.						
		5,805,067	09-08-1989	Bradley et al.						
		5,810,311	09-22-1998	Davison et al.						
		5,842,832	12-01-1998	Thut					-	
		585,188	06-29-1897	Davis						
4		5,858,059	01-12-1999	Abramovich et al.						
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A		5,864,316	01-26-1999	Bradley et al.	T_{I}				
		5,866,095	02-02-1999	McGeever et al.					
		5,875,385	02-23-1999	Stephenson et al.	1.				
		5,935,528	08-10-1999	Stephenson et al.	11				
		5,944,496	08-31-1999	Cooper					-
		5,947,705	09-07-1999	Mordue et al.					
		5,949,369	09-07-1999	Bradley et al.					
4		5,951,243	09-14-1999	Cooper					
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46		5,993,726	11-30-1999	Huang			\Box			
		5,993,728	11-30-1999	Vild	1					
		5,995,041	11-30-1999	Bradley et al.	†					
		6,024,286	02-15-2000	Bradley et al.	\top	+				
		6,027,685	02-22-2000	Cooper	+	+				
		6,036,745	03-14-2000	Gilbert et al.	+			\neg		
		6,074,455	06-13-2000) van Linden et al.	\dagger	1		\dashv		
8		6,093,000	07-25-2000	Cooper	\top					
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		6,096,109	08-01-2000	Nagel et al.		1				
		6,019,576	02-01-2000	Thut	T					
		6,113,154	09-05-2000	Thut				•		
		6,123,523	09-26-2000	Cooper						
		6,152,691	11-28-2000	Thut						
		6,187,096	02-13-2001	Thut						
		6,217,823	04-17-2001	Vild et al.						
(A)		6,231,639	05-15-2001	Eichenmiller et al.						
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		6,243,366	06-05-2001	Bradley et al.	\top				
1		6,250,881	06-26-2001	Mordue et al.					
		6,254,340	07-03-2001	Vild et al.					
	 .	6,270,717	08-07-2001	Tremblay et al.					
		6,280,157	08-28-2001	Cooper					
		6,298,759	09-25-2001	Thut					
		6,303,074	10-16-2001	Cooper				1	
CA		6,345,964	02-12-2002	Cooper			. \		
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4			6,358,467	03-19-2002	_ <u> </u>				
	\		6,398,525	06-04-2002	Cooper				
			6,439,860	08-27-2002	Greer				
			6,451,247	09-17-2002	Mordue et al.				
	ı		6,457,950	10-01-2002	Cooper et al.				
			6,464,458	10-15-2002	Vild et al.			··	
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a			6,497,559	12-24-2002	Grant		1		
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1		6,533,535	03-18-2003	Thut	11					
		6,551,060	04-22-2003	Mordue et al.	11					
		6,648,026	11-18-2003	Look et al.						
		6,679,936	01-20-2004	Quackenbush						
		6,689,310	02-10-2004	Cooper						
	-	6,695,510	02-24-2004	Look et al.						
		6,709,234	03-23-2004	Gilbert et al.			_			
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			6,716,147	04-06-2004	Hinkle et al.	17	/	-			
100	1			04-20-2004							
	\		6,723,276								
			6,805,834	10-19-2004	Thut				•		
			6,843,640	01-18-2005	Mordue et al.						
			6,848,497	02-01-2005	Sale et al.						
			6,869,271	05-24-2005	Uchida et al.						
			6,869,564	03-22-2005	Gilbert et al.						
	A		6,881,030	04-19-2005	Thut						
	0		FO	REIGN PAT	ENT DOCUMENTS						
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			DOCUMENT				SUB-		TRANSLATION		
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	(Use several sheets if necessary)				FILING DATE February 4, 2004				GROUP 1742			
					MOLTEN METAL PUMP COMPONENTS							
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A)		6,887,424	05-03-2005	Ohno et al.						-	
			6,887,425	05-03-2005	Mordue et al.							
			898,499	09-15-1908	O'Donnell	11						
			20010000465	04-26-2001	Thut							
			20010012758	08-09-2001	Bradley et al.	++						
			20020041788	04-11-2002	Look et al.							
		-	20020102159	08-01-2002	Thut							
			20020146313	10-10-2002	Thut							
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4		20020187947	12-12-2002	Jarai et al.	1						
		20030059302	03-27-2003	Mordue et al.				-			
		20030075844	04-24-2003	Mordue et al.							
		20030151176	08-14-2003	Ohno et al.							
		20030185679	10-02-2003	Mordue et al.							
		20040007284	01-15-2004	Look et al.							
		20040022632	02-05-2004	Thut							
Ø		20040056395	03-25-2004	Thut							
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0		20040076533	04-22-2004	Cooper	1,		· · · · · · · · · · · · · · · · · ·			
		20040084172	05-06-2004	Vincent et al.						
		20040115079	06-17-2004	Cooper						
		20040199435	10-07-2004	Abrams et al.			•			
		20040123970	07-01-2004	Neff	1 \ .					
		20040215204	10-28-2004	Davison et al.						
		20040262825	12-30-2004	Cooper			,			
4	***	20050013713	01-20-2005	Cooper	1					
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		20050013715	01-20-2005	Cooper							
		20050053499	03-10-2005	Cooper							
	•	20050077730	04-14-2005	Thut							
		20050081607	04-21-2005	Patel et al.							
SC		20050116398	06-02-2005	Tremblay							
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